

HISTORIC AMERICAN ENGINEERING RECORD

INDEX TO PHOTOGRAPHS

HAER
PA
48-BETH,
19A-

BETHLEHEM STEEL CORPORATION,
SOUTH BETHLEHEM WORKS, IRON FOUNDRY
(Bethlehem Iron Company, Bethlehem Works, Bessemer Plant and Rail Mill)
Along the Lehigh River north of Fourth Street
and west of the Minsi Trail Bridge
Bethlehem
Northampton County
Pennsylvania

HAER No. PA-386-A

Jet Lowe, photographer, 1988

- PA-386-A-1 NORTH AND WEST FACADES OF ORIGINAL BETHLEHEM RAIL MILL; THIS SECTION OF THE BUILDING WAS CONVERTED INTO AN IRON FOUNDRY, LOOKING SOUTHEAST
- PA-386-A-2 NORTH AND EAST FACADES OF ORIGINAL BETHLEHEM RAIL MILL; THIS SECTION OF THE BUILDING WAS CONVERTED INTO AN IRON FOUNDRY, LOOKING SOUTHWEST
- PA-386-A-3 INTERIOR OF RAIL MILL, NOW AN IRON FOUNDRY; THE SUBMARINE CAR IN THE DISTANCE IS FILLED WITH MOLTEN IRON THAT WILL BE POURED INTO A LADLE WHICH WILL, IN TURN, BE POURED INTO THE MOLDS LINING THE CENTER OF THE BUILDING
- PA-386-A-4 INTERIOR OF RAIL MILL, NOW AN IRON FOUNDRY; FOUNDRYMEN ARE POURING THE MOLTEN IRON INTO THE LADLE WHICH WILL THEN BE POSITIONED FOR POURING INTO THE MOLDS (THE FINAL PRODUCTS ARE INGOT MOLDS)
- PA-386-A-5 VIEW OF FOUNDRYMEN CASTING INGOT MOLDS
- PA-386-A-6 SIMILAR VIEW AS PREVIOUS PHOTO, SHOWING CASTING OF INGOT MOLDS
- PA-386-A-7 SIMILAR VIEW AS PREVIOUS PHOTO, SHOWING CASTING OF INGOT MOLDS; EACH POUR IS DONE WITH A THREE-MAN CREW
- PA-386-A-8 VIEW OF FOUNDRYMEN CASTING INGOT MOLDS; THE FLAMES FROM THE MOLD IN THE CENTER-RIGHT OF THE PHOTO ARE PRESENT IMMEDIATELY AFTER THE POUR HAS BEEN COMPLETED
- PA-386-A-9 VIEW LOOKING DIRECTLY AT LADLE AS INGOT MOLD IS BEING CAST

BETHLEHEM STEEL CORPORATION
SOUTH BETHLEHEM WORKS, IRON FOUNDRY
HAER No. PA-386-A
(Page 2)

PA-386-A-10 ABANDONED SECTION OF RAIL MILL WHERE THE ROOF HAS
BEEN REMOVED; LOOKING SOUTHWEST

PA-386-A-11 VIEW OF INTERIOR OF ABANDONED SECTION OF RAIL MILL
WHERE THE ROOF HAS BEEN REMOVED (NOTE THE STEEL-
FRAME STRUCTURE THAT SUPPORTED THE TRAVELING
CRANE); LOOKING SOUTH

PA-386-A-12 VIEW OF INTERIOR WALL OF ABANDONED SECTION OF RAIL
MILL WHERE THE ROOF HAS BEEN REMOVED; LOOKING NORTH

PA-386-A-13 DETAIL OF TRUSS THAT ONCE SUPPORTED THE TRAVELING
CRANE IN THE INTERIOR OF ABANDONED SECTION OF RAIL
MILL; LOOKING WEST